

Commissioner for Patents  
Washington, DC 20231

Jc930 U.S. PRO  
10/06/2002  
01/31/02



### INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement accompanies the new patent application submitted herewith of the following Inventors: Mark Ian COCKETT, Daniel Wayne DILKS, Huai-Ping Chang LING, and Patricia Tyson SOKOL;

For: **HUMAN POTASSIUM CHANNEL POLYNUCLEOTIDES AND POLYPEPTIDES AND USES THEREOF.**

1. Preliminary Statements

In accordance with 37 CFR 1.97 and 1.98, Applicants submit herewith patents, publications, or other information of which they are aware in accordance with 37 CFR 1.56.

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) the information is material to the examination of this application; (iii) additional information material to the examination of this application does not exist; (iv) the information, protocols, results and the like reported by third parties are accurate or enabling; or (v) the information constitutes prior art to the subject invention.

2.  Previously Cited Information

No copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed because it has been previously cited by or submitted to the Office in a prior application which is relied upon for an earlier filing date under 35 USC 120. Prior application is Serial Number 09/178,109 filed on October 23, 1998 of Mark Ian COCKETT, Daniel Wayne DILKS, Huai-Ping Chang LING, and Patricia Tyson SOKOL for HUMAN POTASSIUM CHANNEL POLYNUCLEOTIDES AND POLYPEPTIDES AND USES THEREOF.

### **CERTIFICATE OF MAILING 37 CFR §1.10**

I hereby certify that this paper and the documents referred to as enclosed therein are being deposited with the United States Postal Service on the date written below in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EL564797475US addressed to the Commissioner for Patents, Washington, DC 20231.

1/31/02  
Date

  
Julia Richie

3.  Newly Cited Information

A legible copy of the patents, publications or other information cited on the attached form PTO-1449 is enclosed, except that no copy of a pending U.S. application is enclosed.

4.  Concise Explanation

Documents cited above which are not in the English Language

- a.  have been explained in the specification.
- b.  have an abstract (or other concise explanation) in English enclosed or, if readily available, a translation into English of the document is enclosed.

5. Form PTO-1449 is enclosed in duplicate.



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Gavin T. Bogle

Limited Recognition Under 37 CFR §10.9(b)

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Substitute for form 1449/PTO  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)				Complete if Known	
Sheet	1	of	1	Application Number	Not yet assigned
				Filing Date	January 31, 2002
				First Named Inventor	Cockett
				Group Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
				Attorney Docket Number	Not yet assigned

USPTO  
01/31/02

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS								
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		Office	Number	Kind Code (If Known)				
	2.							<input type="checkbox"/>

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T
	3.	Serodio, E., et al., "Cloning of a Novel Component of A-Type K+ Channels Operating at Subthreshold Potentials with Unique Expression in Heart and Brain," <i>Journal of Neurophysiology</i> , 75(5): 2174-2179 (1996).					<input type="checkbox"/>
	4.	Dixon, J., et al., "Role of the Kv4.3 K+ Channel in Ventricular Muscle," <i>Circulation Research</i> , 79(4): 659-668 (1996).					<input type="checkbox"/>
	5.	Dilks, D., et al., "Cloning and Expression of the Human Kv4.3 Potassium Channel," <i>Rapid Communication</i> , 1974-1977 (1998).					<input type="checkbox"/>
	6.	Ohya, S., et al., "Molecular Cloning and Tissue Distribution of an Alternatively Spliced Variant of an A-Type K+ Channel $\alpha$ -subunit, Kv4.3 in the Rat," <i>FEBS Letters</i> , 420: 47-53(1997).					<input type="checkbox"/>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.